

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number  
**WO 2005/070500 A1**

(51) International Patent Classification<sup>7</sup>: **A61N 5/06**

(21) International Application Number:  
PCT/RO2004/000010

(22) International Filing Date: 21 June 2004 (21.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
a 2004 00069 27 January 2004 (27.01.2004) RO

(71) Applicants and

(72) Inventors: **DEGERATU, D., Ion, Cristian** [RO/RO]; Str. Vlad Tepes 80, Chiajna, R-jud. Ilfov (RO). **CONSTANTINESCU, V., Vladimir** [RO/RO]; Str. Dristorului 8-B7, ap. 19, R-Bucuresti 3 (RO).

(74) Agent: **INVENTA**; Patent & Trademark Agency, 7 Corneliu Coposu Blvd., Bl. 104, entry 2, 1st fl., app. 31, sector 3, R-030606 Bucharest (RO).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

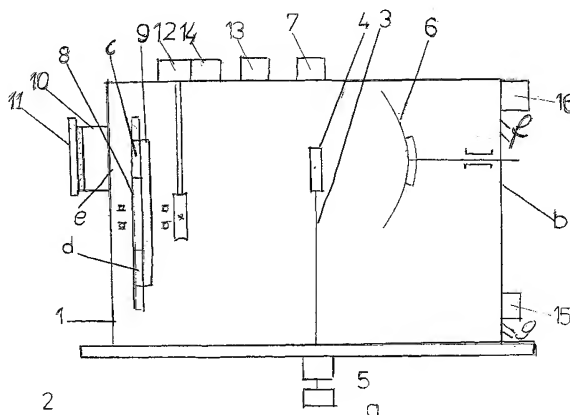
(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: MEDICAL APPARATUS WITH LIGHT FLUX FOR BIOLOGICAL TREATMENTS



(57) **Abstract:** The invention refers to a medical apparatus with light flux for biological treatments, which uses the effects of an electromagnetic radiation pencil for obtaining modifications at atomic level, which can be used for treating and ameliorating some diseases. The apparatus is designed for degenerative energetic-diseases, specific to our living in the nowadays society: vices, stress, feeding, sedentary living; but for some genetic heredity aspects, too. The electromagnetic radiation pencil is processed by an incandescence bulb (4) set in the focus of a parabolic mirror (6) and transmitted to a shutter disc (8) equipped with a slits regulating device (9), run by an engine (12). A digital modulator of the light flux (13) directs the shutter disc. The light pencil is focused in an objective (10), equipped with an optic filter (11), which has to be modulated at much lower frequencies than the used radiation (longer wave lengths) for obtaining a deeper distance in penetrating the tissue. A computer (16) controls the apparatus' handling and coordinating. The medical apparatus doesn't use electromagnetic fields that are injurious to our health, it permits the secure obtaining of the necessary frequencies needed in treating some diseases and it's easy to use.

WO 2005/070500 A1